

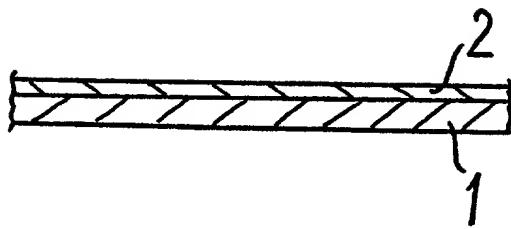
Moreover, resin impregnation prevents bleed-through, i.e., penetration of the adhesive coating through the textile support material.

The textile adhesive tape material according to the invention is characterized by low material costs, since the cost fraction of the textile nonwoven material is decisive in the total cost and a decided cost advantage is achieved by the low basis weight of the textile material according to the invention.

The present invention is not limited to the described practical example. Additional finishing of the adhesive tape according to the invention, for example, with a flame retardant, can also be prescribed.

Claims:

1. Textile adhesive tape consisting of an adhesive tape support (1), a textile, mechanically reinforced nonwoven material with adhesive coating (2) at least on one side, characterized by the fact that the nonwoven material has a basis weight less than or equal to 60 g/m² and is impregnated with a thermoplastic resin.
2. Adhesive tape according to Claim 1, characterized by the fact that the nonwoven material is reinforced by needling in a needle bed.
3. Adhesive tape according to Claim 1, characterized by the fact that the nonwoven material is reinforced by air and/or water jets.
4. Adhesive tape according to one of the Claims 1 to 3, characterized by the fact that the basis weight of the impregnation is about 1 to 5 g/m².
5. Adhesive tape according to one of the Claims 1 to 3, characterized by the fact that the nonwoven material consists of viscose fibers, polyester fibers or propylene fibers or from a fiber blend of at least two of the aforementioned fiber materials.
6. Adhesive tape according to one of the Claims 1 to 5, characterized by the fact that the adhesive coating (2) uses a natural rubber adhesive, a synthetic rubber adhesive, an acrylate adhesive or a UV-crosslinkable acrylate adhesive.
7. Adhesive tape according to one of the Claims 1 to 6, characterized by the fact that the basis weight of the adhesive coating (2) is about 90 to 150 g/m², especially 100 g/m² to 130 g/m².
8. Adhesive tape according to one of the Claims 1 to 7, characterized by the fact that a PET nonwoven having a basis weight of 40 g/m² is used as textile nonwoven material and the adhesive coating consists of a synthetic rubber adhesive with a basis weight of 130 g/m².
9. Adhesive tape according to one of the Claims 1 to 7, characterized by the fact that the textile nonwoven consists of a PET nonwoven and has a basis weight of 50 g/m² and the adhesive coating consists of a UV-crosslinkable acrylate adhesive with a basis weight of 150 g/m².



Summary:

Textile adhesive tape consisting of an adhesive tape support (1) from a textile, mechanically reinforced nonwoven material with adhesive coating (2) on at least one side. The nonwoven material has a basis weight of less than or equal to 60 g/m^2 and is impregnated with a thermoplastic resin.

